

ABSTRACT OF THE DISCLOSURE

A frame where a two-dimensional image is formed is subdivided into predetermined unit areas, and a desired range is determined in the frame, and further, a determination is made whether or not overwrite rendering is possible for each unit area in the desired range. By doing so, it is possible to visibly display an object hidden by a shade of another object without carrying out a determination process relative to a positional relationship between a virtual viewpoint and object and a semi-transparency processing for making object semitransparent, and to realize the display process at high speed and low cost.